

FM Stereo PLL Synthesized Headphone Radio

Operating Instructions

WALKMAN

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FM WALKMAN

SRF-HM10

eco info

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WARNING

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This device complies with the Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Features

- PLL (phase locked loop) synthesized tuning radio.
- Water-resistant for all –weather use.
- MEGA BASS for dynamic bass sound.
- 15 stations can be preset.

Precautions

- Operate the unit only on 1.5 V DC with one size AAA (R03) battery.
- Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave the unit in a car parked under the sun.
- Should anything fall into the unit, remove the battery and have the unit checked by qualified personnel before operating any further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.
- In vehicles or buildings, radio reception may be difficult or noisy. Try listening near a window.
- If the Driver units become wet, wipe them with a dry towel before use.
- Clean the earbuds by hand-washing with a mild detergent solution. Remove the earbuds when you clean them. After cleaning, dry the earbuds well before use.

Notes on Headphones

Road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your headphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to people around you.

Warning

If there is lightning when you are using the unit, take off the headphones immediately.

Cautions on Water-Resistance

This unit is designed so that it can be used with slight exposure to rain, snow and other forms of moisture, but there are several points on which caution should be observed.

- Do not allow it to come in contact with large amounts of water.
- Do not immerse it in water.
- If water should get on it or if it should fall into water, take it out immediately and wipe it off with a dry cloth. **The interior of the battery compartment has no water-resistance.** The battery may corrode, so wipe out the interior of the battery compartment as follows.
 - Open or close the battery compartment with dry hands in a place without exposure to any water.
 - Wipe off the battery and the inside of the battery compartment. Give special attention to the contacts, so that no water remains on them.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Troubleshooting

Should any problem persist after you have made the following checks, consult your nearest Sony dealer.

Very weak or interrupted sound, or unsatisfactory reception

- Weak battery.
- In a vehicle or in a building, move closer to a window.

There is hum or noise.

- If **POWER** is set to **LOCAL**, set to **DX**.

Noise occurs.

- Ensure that the unit is not near a mobile phone or any other device that emits radio waves.

Display is dim, or no indication is displayed.

- Weak battery.
- The unit is being used in extremely high or low temperatures or in a place with excessive moisture.

The station cannot be received when a preset is tuned.

- You chose the wrong preset number.
- The memory of the station has been initialized. Preset the station again.

The power cannot be turned on, and “” is flashing in the display.

- The battery has been completely exhausted.

The preset stations may be initialized, if a maintenance service is performed. Please note down your settings in case you want to preset them again.

Specifications

Time display 12-hour system		
Frequency range		
Band	Range	Channel step
FM	87.5 – 108 MHz	0.1 MHz

Power output 4 mW + 4 mW (at 10 % harmonic distortion)		
Headphone type Closed, dynamic		
Power requirements 1.5 V DC, one size AAA (R03) battery		
Mass Approx. 63.8 g (2.3 oz.) incl. battery		
Supplied accessories Earbuds (S × 2, L × 2)		

Design and specifications are subject to change without notice.

eco info

Lead-free solder is used for soldering.
Halogenated flame retardants are not used in printed wiring boards.

Installing the Battery (See Fig. A)

- 1 Open the battery compartment lid and install one size AAA (R03) battery (not supplied) observing correct polarity.
When a battery is first installed, “AM 12:00” flashes in the display. Once the current time is set, the flashing stops.
- 2 Close the lid.





Battery Life (Approx. hours)		(JEITA*)
When using	FM	
Sony alkaline size AAA (LR03)	30	
Sony size AAA (R03)	11	

* Measured by JEITA (Japan Electronics and Information Technology Industries Association) standards. The actual battery life may vary depending on the circumstance of the unit.

When to replace the battery

You can check the remaining battery power that appears in the display. The indicators are as follows:

Indicator

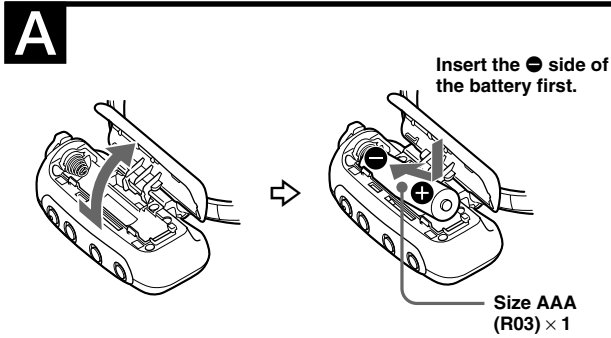
	Full strength*
↓	
	Weakening*
↓	
	When the battery becomes exhausted, the unit will turn off. Replace with a new battery. When you set POWER to ON after installing the new battery, the indicator changes to “  ”.

* Displayed only when the radio is turned on.

Note

Do not take more than 30 seconds to replace the battery, otherwise, your clock and preset stations will be initialized. Should this happen, reset the functions again.

- Notes on battery**
- Do not attempt to charge a dry battery.
 - Do not carry a dry battery together with coins or other metallic objects. It can generate heat if the positive and negative terminals of the battery are accidentally come into contact with metallic objects.
 - When you are not going to use the unit for a long time, remove the battery to avoid damage from battery leakage and corrosion.



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Sony Electronics Inc. (“Sony”) warrants this Product (including any accessories) against defects in material or workmanship as follows:

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2. To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any Factory Sony Service facility or to the Laredo Fulfillment Center. See below for additional information.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

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Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

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The Address of the Laredo Fulfillment Center is:

Laredo Fulfillment Center
10227 Crossroads Loop Suite B
Laredo, TX 78045

For your convenience, Sony Electronics Inc, has established telephone numbers for frequently asked questions:

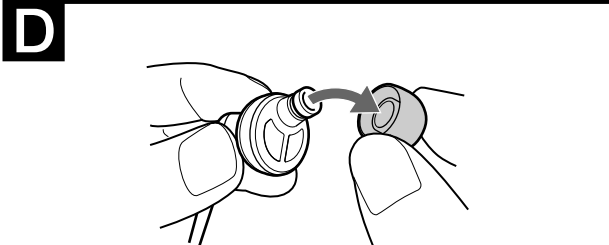
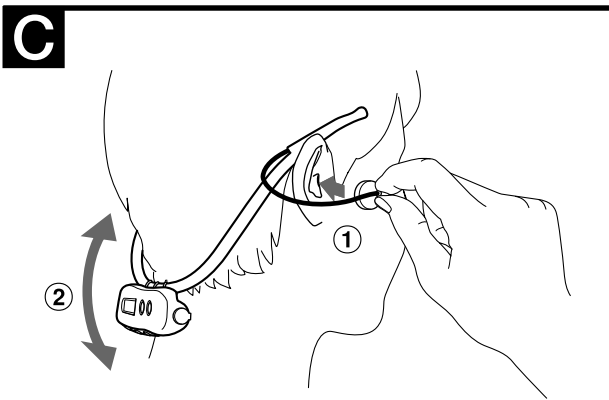
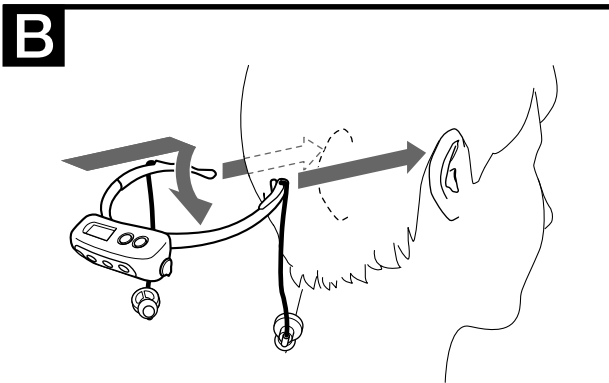
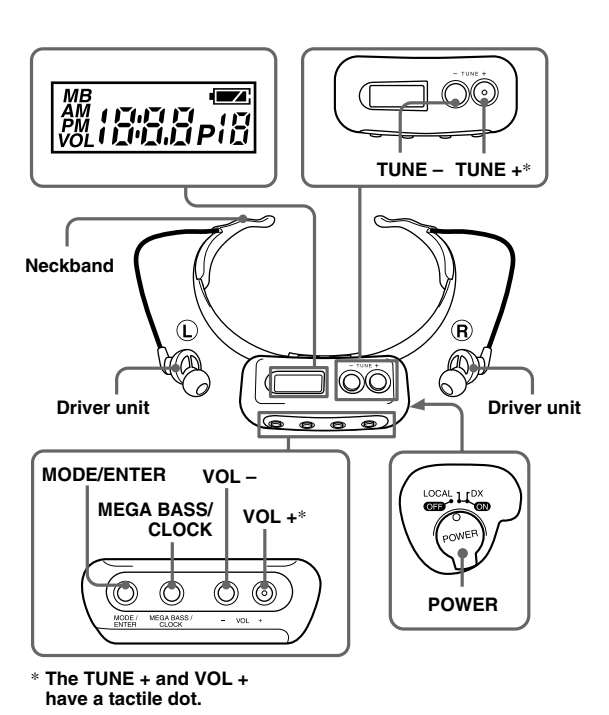
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1-800-222-7669
or visit the Sony Web Site:
www.sony.com

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

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Setting the Clock

The display will flash “AM 12:00” when a battery is first inserted.

- 1 Set **POWER** to **OFF** to turn off the power.
- 2 Hold down **MEGA BASS/CLOCK** for more than 2 seconds.

A beep sounds and the hour flashes in the display.



- 3 Press **TUNE +** or **-** until the correct hour appears in the display. Each press changes the digit(s) by one. When you keep the button pressed, the digit(s) change rapidly.
- 4 Press **MEGA BASS/CLOCK**. A beep sounds and the minutes start to flash. Repeat step 3 to set the minutes. After setting, press **MEGA BASS/CLOCK** again. Two beeps sound, “.” starts flashing, and the clock starts from 0 seconds. If you press **MODE/ENTER** while setting, the clock, the clock setting will be canceled.



Note

While setting the clock, you must perform each step within 65 seconds, or the clock setting mode will be canceled.

Wearing the Headphone Radio

- 1 Wear the neckband around the back of your head. (See Fig. B.)
- 2 Wear the headphones with the Driver unit marked **L** in your left ear, and the Driver unit marked **R** in your right. (See Fig. C-①)
- 3 Adjust the angle of the neckband to fit the headphones on your ears. (See Fig. C-②)

How to install the earbuds correctly (See Fig. D)

If the earbuds do not fit your ears correctly, low-bass sound may not be heard. To enjoy better sound quality, adjust the earbuds position to sit on your ears comfortably or push them into the inside of your ears so that they fit your ears snugly. If the earbuds do not fit your ears, try ones of other size.

Playing the Radio

— Manual Tuning

- 1 Set **POWER** to **ON (DX)** to turn on the power.
- 2 If “P” is displayed, press **MODE/ENTER** so that “P” disappears.



Pressing **MODE/ENTER** will switch over between manual tuning mode and preset tuning mode.

- 3 Press **TUNE +** or **-** to select the desired frequency. If you hold down **TUNE +** or **-**, the frequency changes rapidly. When the frequency matches the broadcast frequency, the broadcast will be received.
- 4 Adjust the volume using **VOL +** or **-**.

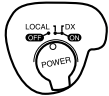
To turn off the radio, set **POWER** to **OFF**.

Improving the Reception

Set **POWER** to **LOCAL** if interference is prevalent and reception is too strong. Under normal conditions, set it to **DX**.

Note

If **POWER** is set to **LOCAL** under normal conditions, reception sensitivity will decrease.



Obtain Powerful Bass Sound

Press **MEGA BASS/CLOCK**.

“**MB**” indication appears in the display when the MEGA BASS function is on. The MEGA BASS function intensifies the bass sound for richer quality audio reproduction.

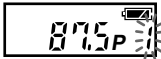
Presetting Your Favorite Station

— Preset Tuning

You can preset up to 15 FM stations. You can also delete a preset station, whether it is factory-set or preset by yourself.

Presetting a Station

- 1 Follow steps 1 to 3 in “Playing the Radio” and manually tune in to the station you wish to preset.
- 2 Hold down **MODE/ENTER** until the preset number flashes. A preset number without a preset station will flash. When all the preset numbers are set to stations, the following occurs:
 - Initialized (factory-set): “1” flashes and “P” appears.
 - After tuning in a preset station: The next preset number after the one last preset flashes and “P” appears.



- 3 Press **TUNE +** or **-** to select the number you wish to preset, then press **MODE/ENTER**.

When you select the preset number using **TUNE +** or **-**, “P” appears if that number has a preset station. If it has no preset station, only the number flashes and “P” does not appear.

When you press **MODE/ENTER**, the selected preset number lights up in the display.

Example: Display window when you assign FM 87.5 MHz to preset number 2.



To preset another station, repeat the above steps.

To change a preset station, assign a new station. The previous station will be canceled.

To cancel the presetting mode, set **POWER** to **OFF**.

Note

If you do not press **TUNE +** or **-**, or **MODE/ENTER** within 65 seconds, the preset tuning mode will be canceled.

Tuning in to a Preset Station

- 1 Set **POWER** to **ON (DX)** to turn on the power.
- 2 Press **MODE/ENTER** so that “P” and preset number appear.
- 3 Press **TUNE +** or **-** to select the desired preset number.
- 4 Adjust the volume using **VOL +** or **-**.

To turn off the radio, set **POWER** to **OFF**.

Deleting a Preset Station

- 1 Follow steps 1 and 2 in “Tuning in to a Preset Station”.
- 2 Press **TUNE +** or **-** to select the preset number to be deleted.
- 3 Hold down **MODE/ENTER** for more than 4 seconds until “P”, “del” and the preset number flash.



preset number to be deleted

- 4 While the letters and the preset number are flashing, press **MODE/ENTER**.

The station set to the preset number just before the deleted station will be displayed.

To delete other stations, repeat steps 2 to 4.

If all the preset stations are deleted, “P -” appears in the display.

To cancel the deleting mode, set **POWER** to **OFF** while “P”, “del” and the preset number are flashing.